

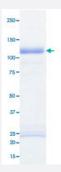
Bioactive

Full-Length

# NUAK2 (Human) Recombinant Protein

Catalog # P5787 Size 5 ug

### **Applications**



#### Result of activity analysis

Result of activity analysis

Specification	
Product Description	Human NUAK2 (NP_112214.1, 1 a.a - 628 a.a.) full-length recombinant protein with GST tag expres sed in Baculovirus infected Sf21 cells.
Host	insect
Theoretical MW (kDa)	98
Form	Liquid
Preparation Method	Baculovirus infected insect cell (Sf21) expression system
Purification	Glutathione sepharose chromatography
Purity	74 % by SDS-PAGE/CBB staining



### **Product Information**

Activity	The activity was measured by off-chip mobility shift assay. The enzyme was incubated with fluoresce nce-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates we re separated and detected by LabChip3000. Substrate: CHKtide. ATP: 100 $\mu$ M.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Tris-HCl, 150 mM NaCl, pH 7.5 (0.05% Brij35, 1 mM DTT, 10% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of activity analysis Result of activity analysis

## **Applications**

- Functional Study
- SDS-PAGE

Gene Info — NUAK2	
Entrez GeneID	<u>81788</u>
Protein Accession#	NP_112214.1
Gene Name	NUAK2
Gene Alias	DKFZp434J037, DKFZp686F01113, FLJ90349, SNARK
Gene Description	NUAK family, SNF1-like kinase, 2
Omim ID	608131
Gene Ontology	<u>Hyperlink</u>
Gene Summary	SNF1-like kinase
Other Designations	OTTHUMP00000035319 SNF1/AMP activated protein kinase